

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.
TSRI 6452

SERIAL NO.
~~09/404,100~~

APPLICANT
Barbas

10/646919

FILING DATE
1/28/2000

GROUP

1633

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
see	1	5,789,538	8/4/1998	Edward J. Rebar, Carl O. Pablo			
see	2	5,223,409	6/1993	Ladner, et al.			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

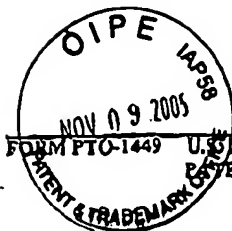
see	4	Miller, et al., "Repetitive Zinc-Binding Domains in the Protein Transcription Factor IIA from Xenopus Oocytes", <u>EMBO J.</u> 4: 1609-1614 (1985)
	5	Sadowski, et al., "GAL4-VP16 is an Unusually Potent Transcriptional Activator", <u>Nature</u> 335: 563-564 (1988)
	6	Lee, et al., "Three-Dimensional Solution Structure of a Single Zinc Finger DNA-Binding Domain", <u>Science</u> 245: 635-637 (1989)
	7	Pavletich, et al., "Zinc Finger-DNA Recognition: Crystal Structure of a Zif268-DNA Complex at 2.1 Å", <u>Science</u> 252: 809-817 (1991)
	8	Barbas, et al., "Assembly of Combinatorial Antibody Libraries on Phage Surfaces: The Gene III Site", <u>Proc. Natl. Acad. Sci. USA</u> 88: 7978-7982 (1991)
	9	Pavletich, et al., "Crystal Structure of a Five-Finger GLI-DNA Complex: New Perspectives on Zinc Fingers", <u>Science</u> 261: 1701-1707 (1993)
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	11	Wu, et al., "Building Zinc Fingers by Selection: Toward a Therapeutic Application", <u>Proc. Natl. Acad. Sci. USA</u> 92: 344-348 (1995)
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	13	Kim, et al., "A 2.2 Å Resolution Crystal Structure of a Designed Zinc Finger Protein Bound to DNA", <u>Nature Structural Biology</u> 3: 940-945 (1996)
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DATE CONSIDERED

1-30-2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.


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 PATENT AND TRADEMARK OFFICE

 ATTY DOCKET NO.
 TSRI 6452

 SERIAL NO.
 -001404,190*

 APPLICANT
 Barbas

10,646,919

 FILING DATE
 1/28/2000

 GROUP
 1653

 INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT

U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

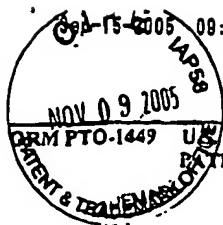
EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

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15	Design of TATA Box-Binding Protein/Zinc Finger Fusions for Targeted Regulation of Gene Expression", <u>Proc. Natl. Acad. Sci. USA 94: 3616-3620 (1997)</u>
16	Liu, et al., "Design of Polydactyl Zinc-Finger Proteins for Unique Addressing within Complex Genomes", <u>Proc. Natl. Acad. Sci. USA 94: 5525-5530 (1997)</u>
17	Rader, et al., "Phage Display of Combinatorial Antibody Libraries", <u>Curr. Opin. Biotechnology 8: 503-508 (1997)</u>
18	Kim, et al., "Transcriptional Repression by Zinc Finger Peptides", <u>J. Biol. Chem. 272: 29795-29800 (1997)</u>
19	Elrod-Erickson, et al., "High-Resolution Structures of Variant Zf268-DNA Complexes: Implications for Understanding Zinc Finger-DNA Recognition", <u>Structure 6: 451-464 (1998)</u>
20	Bearli, et al., "Toward Controlling Gene Expression at Will: Specific Regulation of the <i>erbB-3/HER-2</i> Promoter by Using Polydactyl Zinc Finger Proteins Constructed from Modular Building Blocks", <u>Proc. Natl. Acad. Sci. USA 95: 14628-14633 (1998)</u>
21	Segal, et al., "Toward Controlling Gene Expression at Will: Selection and Design of Zinc Finger Domains Recognizing Each of the 5'-GTN-3' DNA Target Sequences", <u>Proc. Natl. Acad. Sci. USA 96: 2758-2763 (1999)</u>
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DATE CONSIDERED 1-30-2006	

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
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U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

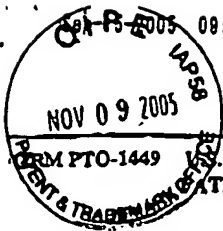
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1	Choo, et al., "Selection of DNA Binding Sites for Zinc Fingers using rationally randomized DNA reveals coded interactions", <u>Proc. Natl. Acad. Sci. USA</u> 91: 11168-11172 (1994)
2	Choo, et al., "Toward a Code for the Interactions of Zinc Fingers with DNA: Selection of Randomized Fingers Displayed on Phage", <u>Proc. Natl. Acad. Sci. USA</u> 91: 11163-11167 (1994)

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08:44am

From-The Scripps Research Institute OTD/OPC

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PTO-1449 U.S. DEPARTMENT OF COMMERCE
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Barbas

10/646 919

FILING DATE
01/28/2000

GROUP 1653

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CC	1	US 2002/0081614 A1	06/27/2002	Case CC, Zhang L			

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EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

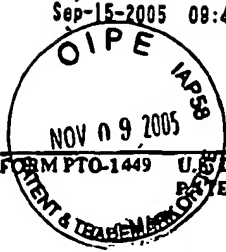
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PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.
TSRJ 645.2 C1

SERIAL NO.
10646,919

APPLICANT
Barbas

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

FILING DATE
08/21/2003

GROUP
1653

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
see	1	WO 95/19431	07/20/95	PCT			
see	2	WO 91/07509	05/30/91	PCT			
see	3	WO 00/23464	04/27/00	PCT			

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